

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims

1. - 11. (cancelled)

12. (currently amended) A data processing system comprising

an object server to provide access to a remote object,

a first object registry for publishing first access data for locating and accessing the remote object via the object server,

a second object registry for publishing second access data for locating and accessing the remote object via the object server; and

a client hosting a client application requiring access to the remote object; the client application being arranged to issue a request to receive access data for locating and accessing the remote object

the first and second object registries being hosted by first and second servers respectively that are operated in active and stand-by modes so that the request for access data is processed by the first server;

the first and second servers comprising means to migrate ~~a communication channel~~ IP addresses and/or sockets for carrying the request from the first server to the second server in the event of a fault associated with the first server such that the second server services subsequent requests for access data;

the object server being arranged to supply the access data to the first object registry.

13. (original) A data processing system as claimed in claim 12, in which the published access data is supplied to the first server and mirrored to the second server.

14. - 17. (cancelled)

18. (currently amended) An intermediate registry server comprising

means to receive a request from a client computer for access data associated with an object accessible via an object server;

means to receive the access data from the object server, and, in response to the request, means to request the access data from first and second object registries storing the access data; and

means to respond to the request by forwarding the access data returned from at least one of the first and second object registries to said client computer.

19. - 27. (cancelled)

28. (currently amended) A method for remote object invocation from a first environment of a remote object hosted by or accessible by a second environment, comprising the steps of

receiving at least a first request for access data from a client computer;

~~issuing at least a~~ mapping the first request for access data for a remote object to a first remote object registry hosted by first server operating in active mode;

supplying, from an object server, the access data to the first object registry;

reflecting data associated with the first remote object server to a second remote object server operating in stand-by mode;

migrating address data associated with the first remote object server to the second remote object server;

directing the access request, from the first remote object server to the second remote object server, in the event of a fault associated with the first server;

receiving the access data from at least one of the first and second remote object registries; and

invoking the method of the remote object via the second environment.

29. - 31. (cancelled)

* * * * *